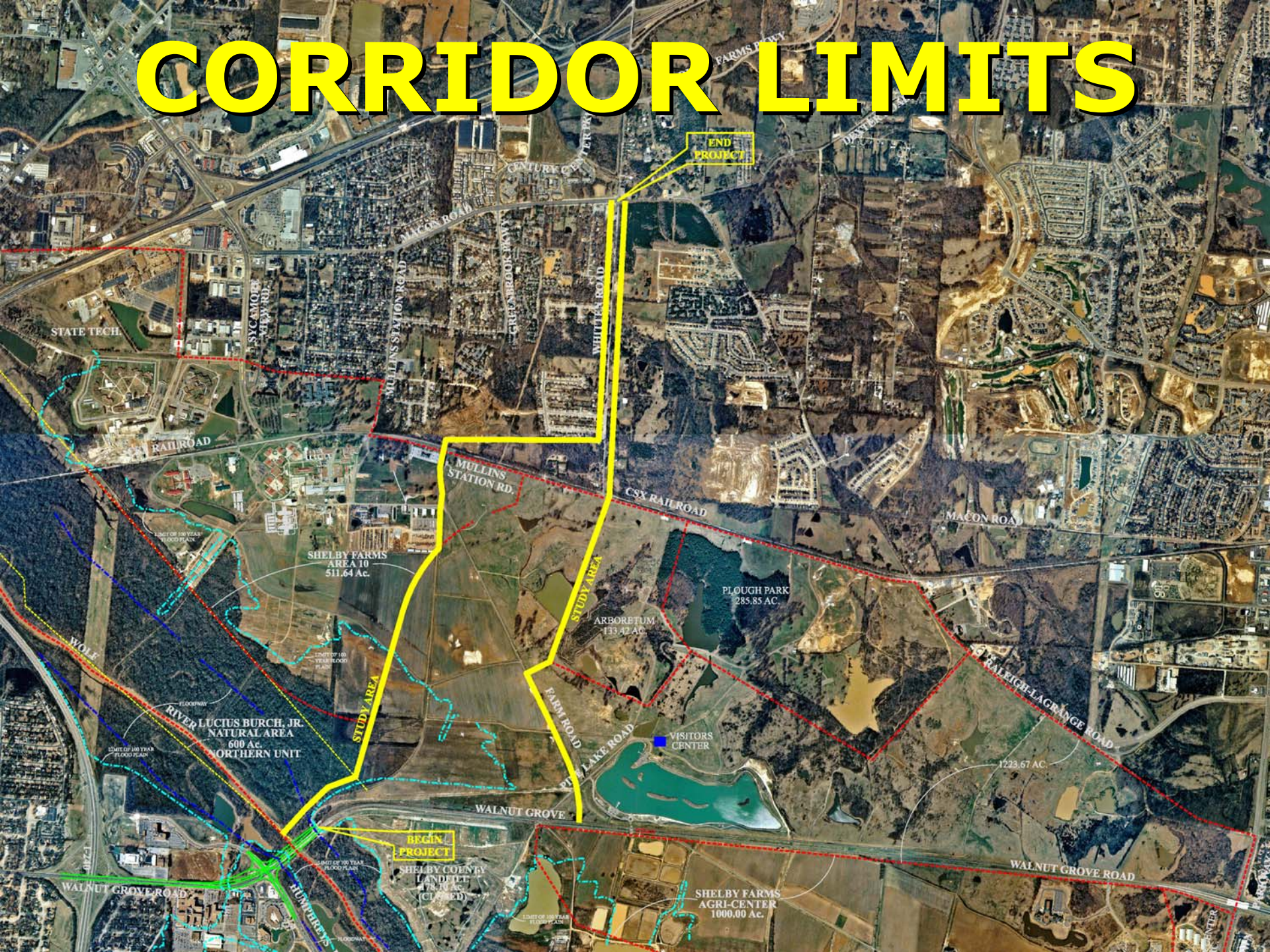


Shelby Farms Parkway

Design Parameters



CORRIDOR LIMITS



LEVEL OF SERVICE

- ❑ **Qualitative measure describing operational characteristics within a traffic stream and their perception by users**
- ❑ **Conditions such as speed, travel time, freedom to maneuver, traffic interruptions and comfort and convenience are used to describe levels of service**

LOS A



LOS B



LOS C



LOS D



LOS E



LOS F



LEVEL OF SERVICE

- ❑ For alternative comparisons on this project we will be using:
 - ❑ Travel times
 - ❑ Intersection delay



DESIGN PARAMETERS

- ☐ **Design Speed**
- ☐ **Typical Section**
- ☐ **Intersecting Roadways**
- ☐ **Enhancements**
- ☐ **Design Exceptions**

DESIGN SPEED

- ❑ **Accommodate a high percentile of drivers (including the reasonable and prudent driver)**
- ❑ **Consistent with driver expectations**

TYPICAL SECTION

A photograph of a multi-lane highway, likely a divided highway, with a central median and shoulders. The road is paved and has white lane markings. There are green trees and grass on both sides of the road. In the background, there are power lines and a bridge or overpass structure. The sky is blue with some light clouds.

- ❑ Number and Width of Lanes
- ❑ Urban vs. Rural
- ❑ Shoulders and Width of Shoulders
- ❑ Median Type and Width of Median
- ❑ Width of Right of Way

INTERSECTING ROADWAYS

- ❑ **Grade Separation vs. At-Grade Intersections**
 - ❑ **Walnut Grove**
 - ❑ **Sycamore View Road**
 - ❑ **Mullins Station Road**
 - ❑ **Connection to Farm Road?**

POSSIBLE ENHANCEMENTS

- ❑ Noise Walls
- ❑ Earth Berms and Buffer Zones
- ❑ Lighting
- ❑ Landscaping
- ❑ Pedestrian Facilities
- ❑ Bicycle Facilities
- ❑ Architectural Finishes
- ❑ Other



POSSIBLE ENHANCEMENTS

☐ Guardrail Type

- ☐ Powder Coated
- ☐ Wood

☐ Landscaping

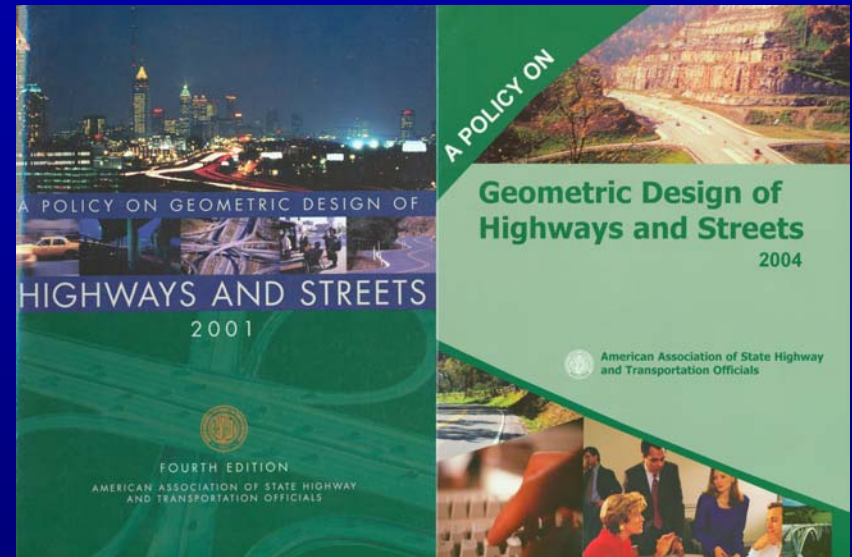
☐ Other



DESIGN EXCEPTIONS

Requirements for Design Exceptions from FHWA if lower values used

- Design Speed
- Lane Width
- Shoulder Width
- Bridge Width
- Structural Capacity
- Horizontal Alignment
- Vertical Alignment
- Grade
- Stopping Sight Distance
- Cross Slope
- Superelevation
- Vertical Clearance
- Horizontal clearance (not including clear zone)





QUESTIONS?